No. 776,002. PATENTED NOV. 29, 1904.

Z. B. WEBB.

FOLDING BOX.

APPLICATION FILED JULY 28, 1902.

NO MODEL.

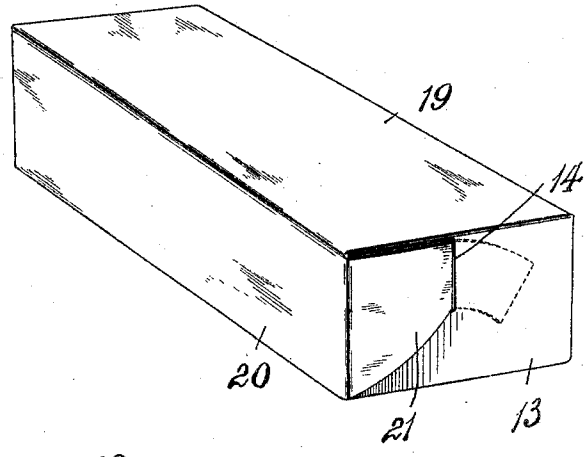


Fig. 1

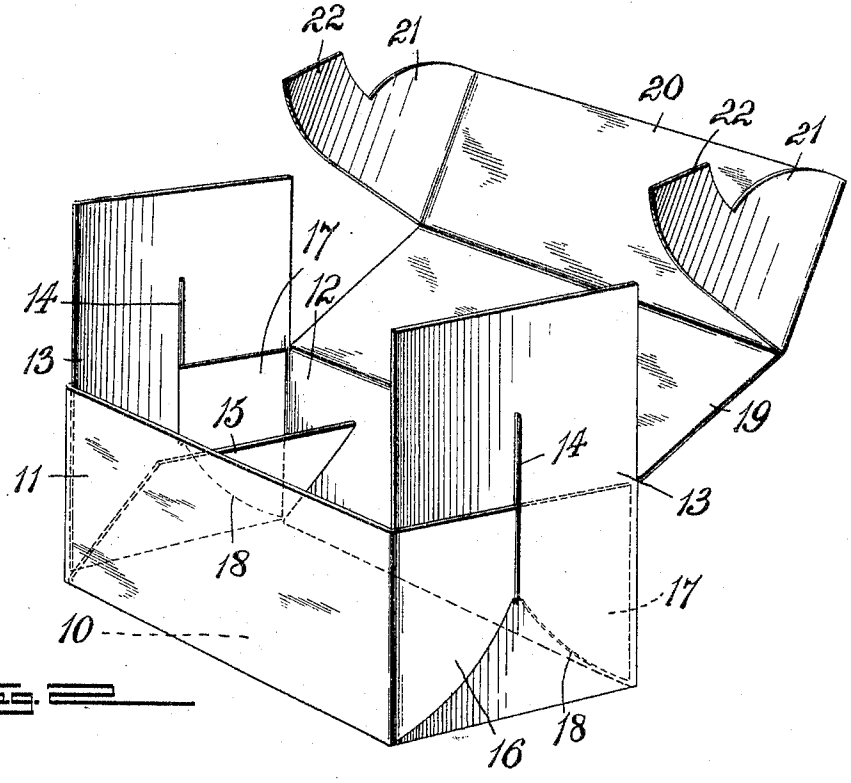


Fig. 2

WITNESSES:

Wm H Canfield

Abraham B. Cox, Jr.

INVENTOR

Zaida B. Webb

BY

W. B. Hutchinson,

ATTORNEY

No. 776,002. Patented November 29, 1904.

UNITED STATES PATENT OFFICE.

ZAIDA B. WEBB, OF FLORHAM PARK, NEW JERSEY, ASSIGNOR TO WEBB FOLDING BOX COMPANY, OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 776,002, dated November 29, 1904.

Application filed July 28, 1902. Serial No. 117,261. (No model.)

To all whom it may concern:

Be it known that I, ZAIDA B. WEBB, of Florham Park, Morris county, New Jersey, have invented certain new and useful Improvements in Folding Boxes, of which the following is a full, clear, and exact description.

My invention relates to improvements in folding boxes such as are set up with glue or other adhesive; and the object of my invention is to produce a strong, simple, and easily-operated box of this character, which makes also a very attractive package, and especially to improve the top or cover portion. This top or cover portion I make connected to one edge of the box and provide a very simple and efficient means of fastening the cover down and at the same time bracing and stiffening the box-body.

With these ends in view my invention consists of a folding box the construction and arrangement of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference refer to similar parts throughout both views.

Figure 1 is a perspective view of the formed box, showing my improvements; and Fig. 2 is a perspective view of the box in an open and partly-unfolded condition.

My improvement is not limited to the precise form of box-body here shown, but is well adapted for use with such a body. The body illustrated is much like that shown in Letters Patent of the United States No. 692,561, dated February 4, 1902, and has the bottom portion 10, the two side portions 11 and 12, connected to two edges of the bottom, and the upturned end pieces 15, connected to the two opposite bottom edges. The side piece 12 is provided with two wings 13, which are adapted to fold inward in forming the box ends and the width of which corresponds to the width of the box. These end wings, however, are higher than the box, so that their upper portions form flaps adapted to fold inward and cover the contents of the box. This extra length or height of the wings 13 also provides for the locking-slots 14, which are made vertically, as shown, and preferably are longitudinal of the wings 13. The slots 14 extend above and below the part of the wing corresponding to the box-top, so that when the top portions of the wings are folded inward they will lock the box, as presently described. The side piece 11 has also wings or extensions 16, which are adapted to fold across the box ends, and these wings or extensions have terminal hook-shaped tongues 17, adapted to enter the slots 14, and to facilitate the insertion of the tongues in the slots the under edges of the tongues are curved or inclined, as shown at 18. The part 16 is correspondingly curved or inclined; but obviously this part can be given any desired shape. The parts or end pieces 15 are adapted to turn up in forming the box ends, so as to give the box a smooth inside finish, and in setting up the box the wings 13 are first folded inward in the position shown in Fig. 2, the tongues 17 inserted, and then the top portions 13 can be folded inward, thus locking the tongues 17 in place.

From the side piece 12 extends the top or cover portion 19, which is adapted to fold inward across the box-top, and the top or cover 19 has a terminal flap 20, which is preferably the full height of the box, though not necessarily so, and it is adapted to fold downward over the side piece 11. At the end of the flap 20 are extensions 21, terminating in tucks 22, which are adapted to enter the slots 14, and if the tucks are inserted as the cover 19 and the flap 20 are turned down the cover is securely locked, the flap 20 also secured in place, and the result is that the box is made very secure and compact, while the parts 20 and 21 serve to brace and stiffen it. The lower edges of the extensions 21 are made, preferably, to coincide with the lower edges of the wings 16, so that when the box is set up and closed the edges of the parts 21 and 16 will be coincident, and thus give the box a neat appearance.

It will be evident from the foregoing description that the box can be easily manipulated, and it will also appear that so long as the tucks 14 are produced in the box ends the

other portions of the box bottom or body may be of any approved form without affecting the principle of the invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A box comprising a body portion having substantially vertical slots in its ends, and a cover connected to one side of the box and having a flap on its free edge adapted to extend down against the opposite side of the box, said flap having end extensions adapted to fold against the ends of the box and the ends of which extensions form tucks adapted to enter the slots in the ends of the box, substantially as described.

2. A box comprising a body portion having substantially vertical slots in its ends, and a cover connected to one side of the box and having a flap on its free edge adapted to extend down against the opposite side of the box, said flap having end extensions adapted to fold against the ends of the box and the ends of which extensions form tucks adapted to enter the slots in the ends of the box and the lower edges of which tucks extend downward beyond the slots when the tucks are in position in the slots, substantially as described.

3. A folding box comprising a body portion having its ends formed by flaps folded against each other and locked by means of a tongue on one flap extending through a slot in another flap, and a cover connected to one side of the box and having a flap on its free edge adapted to extend down against the opposite side of the box, said flap having end extensions adapted to fold against the ends of the box and the ends of which extensions form tucks adapted to enter the slots in the ends of the box, substantially as described.

4. A folding box comprising a bottom portion, side pieces extending from opposite edges of the bottom portion, end flaps extending from each end of said side pieces, one of said end flaps at each end of the box being formed with a slot extending transversely thereof, and the other of the end flaps at each end of the box being formed with a tongue adapted to enter said slot, and a cover connected to one side of the box and having a flap on its free edge adapted to extend down against the opposite side of the box, said flap having end extensions adapted to fold against the ends of the box and the ends of which extensions form tucks adapted to enter the slots in the ends of the box, substantially as described.

5. A folding box comprising a bottom portion, side pieces extending from opposite edges of the bottom portion, end flaps extending from each end of said side pieces, one of said end flaps at each end of the box being extended to form a flap to fold inwardly and having a slot extending transversely of the end flap and partly in the flap proper and partly in the extension thereof, and the other end flap at each end of the box having a tongue extending downward from a point corresponding to the lower end of the slot in the closing end flap and adapted to enter said slot, and a cover connected to one side of the box and having a flap on its free edge adapted to extend down against the opposite side of the box, said flap having end extensions adapted to fold against the ends of the box and the ends of which extensions form tucks adapted to enter the slots in the ends of the box, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ZAIDA B. WEBB.

Witnesses:
WARREN B. HUTCHINSON,
U. S. DUNBAR.